## **Claims**

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1. A method of operating a forward error correction decoder, the method comprising:

determining which data elements in a code word including parity data elements are error-free;

marking elements in an erasure information word which correspond to errorfree data elements as correct;

maintaining a count of elements marked as correctable in the erasure information word; and

whilst the count of elements marked as correctable has not exceeded a threshold and whilst elements not marked as correct or correctable remain in the erasure information word, marking non-marked elements of the erasure information word as correctable beginning with elements corresponding to parity data elements and then continuing for the other elements in the erasure information word.

- 2. A method as claimed in claim 1, further comprising indicating the presence of uncorrected data at an output.
- 20 3. A method as claimed in either preceding claim, in which the code word is a row of a coding table.
  - 4. A method as claimed in any preceding claim, in which the decoder is a Reed Solomon decoder.
  - 5. A forward error correction decoder, comprising one or more processors arranged to:

determine which data elements in a code word including parity data elements are error-free;

mark elements in an erasure information word which correspond to errorfree data elements as correct;

maintain a count of elements marked as correctable in the erasure information word; and

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mark, whilst the count of elements marked as correctable has not exceeded a threshold and whilst elements not marked as correct or correctable remain in the erasure information word, non-marked elements of the erasure information word as correctable beginning with elements corresponding to parity data elements and then continuing for the other elements in the erasure information.

- 6. A decoder as claimed in claim 5, in which the one or processors is further arranged to indicate the presence of uncorrected data at a decoder output.
- 7. A decoder as claimed in claim 5 or claim 6, in which the code word is a row of a coding table.
  - 8. A decoder as claimed in any of claims 5 to 7, implemented as a Reed Solomon decoder.
  - 9. A decoder as claimed in any of claims 5 to 8, in which the decoder has 255 element columns, 191 of which are non-parity data element columns.
- 10. A receiver including a forward error correction decoder as claimed in any of 20 claims 5 to 9.
  - 11. A receiver as claimed in claim 10, implemented as a digital video broadcasting receiver.
- 25 12. A mobile terminal including a receiver as claimed in claim 10 or claim 11.